| L Number | ' Hit |   | i DB       | Time stamp    | i       |  |
|----------|-------|---|------------|---------------|---------|--|
| 13       | 3     | 9 (US-6225206-\$ or US-5143865-\$ or          | USPAT      | 2002/12/28    | 10:35   |  |
| '        |       | US-5824438-\$ or US-6162660-\$ or             |            |               | ı       |  |
| 1        |       | US-6294828-\$ or US-6130476-\$ or             |            |               |         |  |
|          | !     | US-6251766-\$ or US-6337522-\$ or             |            |               |         |  |
|          | 1     | US-3839727-\$ or US-6260264-\$ or             |            |               |         |  |
|          | •     |   | :          |               |         |  |
|          |       | US-5956605-\$ or US-6425516-\$ or             | :          |               |         |  |
| 1        |       | US-6118179-\$ or US-6168972-\$ or             |            |               |         |  |
|          |       | :US-6180504-\$ or US-6291270-\$ or            |            |               | 1       |  |
| •        | !     | US-5989982-\$ or US-5656863-\$ or             |            | 1             |         |  |
|          | T.    | US-5897337-\$ or US-6410415-\$ or             |            | •             | ļ       |  |
|          | :     | US-6189208-\$ or US-5747101-\$ or             |            | 1             |         |  |
| !        |       | US-5329423-\$ or US-4818728-\$ or             | i          |               |         |  |
|          |       | US-6100114-\$ or US-5704116-\$).did. or       |            |               |         |  |
| !        |       | i   | :          |               |         |  |
|          | T     | (US-5650667-\$ or US-6355507-\$ or            |            |               | ı       |  |
|          | 1     | US-5933713-\$ or US-5869899-\$ or             |            | 1             | i       |  |
|          | i     | US-5496775-\$ or US-6288335-\$ or             |            | 1             |         |  |
| 1        |       | US-5908317-\$ or US-6054772-\$ or             |            | ì             |         |  |
| 1        |       | US-5824569-\$ or US-6380061-\$ or             | •          |               |         |  |
| i        |       | US-6281591-\$ or US-5554887-\$ or             | į          |               |         |  |
|          | 1     | US-5641113-\$).did.                           |            |               | i       |  |
| 14       | . 574 | 8 (flipchip (flip adj chip)) and (solder adj  | USPAT;     | 2002/12/28    | 10.40   |  |
| 14       | 1 3/4 |   |            | 2002/12/20    | 10.40 i |  |
| !        |       | (bump ball))                                  | US-PGPUB;  | I             |         |  |
| :        |       |   | EPO; JPO;  | i             |         |  |
| !        |       |   | DERWENT    | •             |         |  |
| 15       | 887   | 4 '(substrate ((wiring circuit) adj board))   | USPAT;     | 2002/12/28    | 10:44   |  |
|          | 1     | near3 polyimide                               | US-PGPUB;  |               | !       |  |
|          |       |   | EPO; JPO;  |               | 1       |  |
| i        |       |   | DERWENT    | 1             | '       |  |
| 1.6      | 20    | / //flinghin /flin add abin)) and /golder add |            | : 2002/12/28  | 10.42   |  |
| r. O     | 30    | ((flipchip (flip adj chip)) and (solder adj   |            | ; 2.002/12/25 | 1.0.43  |  |
|          |       | (bump ball))) and ((substrate ((wiring        | US-PGPUB;  |               |         |  |
|          | !     | circuit) adj board)) near3 polyimide)         | 'EPO; JPO; |               | 1       |  |
|          | :     |   | DERWENT    |               | 1       |  |
| 17       | 37    | 7 (((flipchip (flip adj chip)) and (solder    | USPAT;     | 2002/12/28    | 10:43   |  |
|          |       | adj (bump ball))) and ((substrate ((wiring    | US-PGPUB;  | 1             | į       |  |
| i        |       | circuit) adj board)) near3 polyimide)) not    | EPO; JPO;  |               |         |  |
| ,        |       | ((US-6225206-\$ or US-5143865-\$ or           | DERWENT    | 1             |         |  |
| İ        |       | US-5824438-\$ or US-6162660-\$ or             | i DBRABATE |               |         |  |
|          | !     |   |            |               |         |  |
|          | 1     | US-6294828-\$ or US-6130476-\$ or             |            |               | :       |  |
|          |       | US-6251766-\$ or US-6337522-\$ or             |            |               |         |  |
|          |       | US-3839727-\$ or US-6269264-\$ or             |            |               | į.      |  |
|          |       | US-5956605 <b>-</b> \$ or U3-6425516-\$ or    |            | •             |         |  |
| i        |       | US-6118179-\$ or US-6168972-\$ or             | ,          | 1             |         |  |
|          |       | US-6180504-\$ or US-6291270-\$ or             | i          |               |         |  |
|          | 1     | US-5989982-\$ or US-5656863-\$ or             | 1          |               |         |  |
|          | i     | JS-5897337-\$ or US-6410415-\$ or             |            |               | Ì       |  |
|          |       | US-6189208-\$ or US-5747101-\$ or             |            |               | 1       |  |
| 1        |       |   |            | !             | I       |  |
| 1        |       | US-5329423-\$ or US-4818728-\$ or             | 1          |               |         |  |
|          |       | US-6100114-\$ or US-5704116-\$).did. or       | :          | 1             |         |  |
|          | i     | '(US-5650667-\$ or US-6355507-\$ or           | 1          |               |         |  |
|          | 1     | US-5933713-\$ or US-5869899-\$ or             | :          |               |         |  |
|          | :     | US-5496775-\$ or US-6288335-\$ or             |            |               | 1       |  |
| i        |       | US-5908317-\$ or US-6054772-\$ or             |            |               |         |  |
|          |       | US-5824569-\$ or US-6380061-\$ or             |            |               |         |  |
|          |       |   |            |               |         |  |
| •        |       | US-6281591-\$ or US-5554887-\$ or             | •          |               |         |  |
|          |       | : US-5641113-\$).did.)                        |            |               |         |  |
| 18       | 946   | 9 (cap cover lid) near3 (polyimide polymer    | USPAT;     | 2002/12/28    | 10:44   |  |
|          | •     | polymeric)                                    | US-PGPUB;  |               | 1       |  |
| !        |       |   | EPO; JPO;  |               | ;       |  |
|          |       |   | DERWENT    | !             | į       |  |
| 19       | 1141  | (substrate ((wiring circuit) adj board))      | USPAT;     | 2002/12/28    | 12:08   |  |
| 20       |       |   | •          | . 7.002/12/20 | 12.00   |  |
|          | •     | near3 (polyimide polymer polymeric)           | US-PGPUB;  |               |         |  |
|          | 1     |   | EPO; JPO;  |               |         |  |
|          |       |   | DERWENT    |               |         |  |
| , 20     | 69    | 6 ((flipchip (flip adj chip)) and (solder adj | USPAT;     | 2002/12/28    | 10:59   |  |
| •        |       | (bump ball))) and ((substrate ((wiring        | US-PGPUB;  | •             |         |  |
| 1        |       | circuit) adj board)) near3 (polyimide         | EPC; JPO;  |               |         |  |
|          | i     | 'polymer polymeric))                          | DERWENT    |               |         |  |
|          | 3     | F = -1 &1 x = 1                               |            |               |         |  |
|          |       |   |            |               |         |  |

| 21<br>i | i 21 | ((cap cover lid) near3 (polyimide polymer polymeric)) and (((flipchip (flip adj chip)) and (solder adj (bump ball))) and | USPAT;<br>US-PGPUB;<br>EPO; JPO; | 2002/12/28 12:06.         |
|---------|------|--|----------------------------------|---------------------------|
|         |      | ((substrate ((wiring circuit) adj board))  | DERWENT                          | ;                         |
| 22      | ļ 2  | 'near3 (polyimide polymer polymeric))) : "6392143"   | USPAT;<br>: US-PGPUB;            | ; 2002/12/28 12:06  <br>; |
|         | 1    |  | EPO; JPO;                        | i                         |
| 23      | 115  | "5285352"<br>:   | DERWENT USPAT; US-PGPUB;         | 2002/12/28 12:06          |
|         |      | !  | EPO; JPO;                        | İ                         |
| 24      | 1 8  | "6093972"  | DERWENT<br>USPAT;                | 2002/12/28 12:06          |
| 1       | 1    |  | US-PGPUB;                        |                           |
| 1       | •    | 1  | EPO; JPO;                        |                           |
| 25      | 28   | "5724729"  | USPAT;                           | 2002/12/28 12:07          |
|         | 1    |  | US-PGPUB;                        |                           |
| 1       | !    |  | EPO; JPO;                        | i                         |
| 1 26    | 93   | "5067007"  | DERWENT<br>USPAT:                | 12002/12/28 12:07 ;       |
| !       |      |  | US-PGPUB;                        |                           |
|         |      |  | EPO; JPO;                        | ļ                         |
| 27      | i 9  | "5982038"  | DERWENT                          | 2002/12/28 12:07          |
|         |      |  | US-PGPUB;                        | 1                         |
| I       | ļ    |  | EPO; JPO;<br>DERWENT             |                           |
| i<br>28 | 72   | "5311402"  | USPAT;                           | 2002/12/28 12:07          |
|         |      |  | US-PGPUB;                        | :                         |
|         |      | 1  | EPO; JPO;<br>DERWENT             |                           |
| 29      | 315  | "6392143" "5285352" "6093972" "5724729"  | USPAT;                           | 2002/12/28 12:07          |
| 1       | 1    | "5067007" "5982038" "5311402"  | US-PGPUB;                        | i                         |
|         |      |  | EPO; JPO;<br>DERWENT             | :                         |
| 30      | 315  | ("6392143" "5285352" "6093972" "5724729"   | USPAT;                           | 2002/12/28 12:08          |
|         |      | "5067007" "5982038" "5311402") not ((US-6225206-\$ or US-5143865-\$ or   | US-PGPUB;                        | !<br>                     |
|         | i    | US-5824438-\$ or US-6162660-\$ or  | 'EPO; JPO;<br>DERWENT            | ļ                         |
| ;       |      | US-6294828-\$ or US-6130476-\$ or  |                                  |                           |
| i       | !    | US-6251766-\$ or US-6337522-\$ or US-3839727-\$ or US-6260264-\$ or  |                                  | i                         |
| 1       |      | US-5956605-\$ or US-6425516-\$ or  |                                  | ;                         |
|         |      | US-6118179-\$ or US-6168972-\$ or  | !                                | !                         |
|         |      | US-6180504-\$ or US-6291270-\$ or US-5989982-\$ or US-5656863-\$ or  | İ                                | !                         |
| 1       | 1    | US-5897337-\$ or US-6410415-\$ or  |                                  | !                         |
| i       | İ    | US-6189208-\$ or US-5747101-\$ or<br>US-5329423-\$ or US-4818728-\$ or   |                                  |                           |
| -       |      | US-6100114-\$ or US-5704116-\$).did. or  |                                  | i                         |
|         |      | (US-5650667-\$ or US-6355507-\$ or   | İ                                | 1                         |
|         |      | 'US-5933713-\$ or US-5869899-\$ or<br>US-5496775-\$ or US-6288335-\$ or  |                                  | İ                         |
|         | 1    | US-5908317-\$ or US-6054772-\$ or  | 1                                | ;<br>!                    |
| :       |      | US-5824569-\$ or US-6380061-\$ or  |                                  |                           |
|         | 1    | US-6281591-\$ or US-5554887-\$ or US-5641113-\$).did.) not (((cap cover lid)   |                                  | !                         |
| I       |      | near3 (polyimide polymer polymeric)) and   |                                  | ı                         |
|         |      | (((flipchip (flip adj chip)) and (solder   | i                                | T į                       |
|         |      | adj (bump ball))) and ((substrate ((wiring circuit) adj board)) near3 (polyimide   | 1                                | i                         |
| 1 ~ ~   | ;    | polymer polymeric))))  |                                  |                           |
| ' 31    | į 27 | ("6392143" "5285352" "6093972" "5724729" "5067007" "5982038" "5311402") and  | USPAT;                           | 2002/12/28 12:47          |
| 1       |      | (substrate ((wiring circuit) adj board))   | US-PGPUB;<br>EPO; JPO;           |                           |
| 2.2     |      | , near3 (polyimide polymer polymeric)  | DERWENT                          | 1.0000/#= /==             |
| 32      | . 6  | 6093972.URPN.  | USPAT                            | 2002/12/28 12:19          |

| 33<br>I | i<br>I | 8 ("5089440"   "5218759"   "5285352"  <br>"5302849"   "5371404"   "5659203"  <br>"5864178"   "5900581").PN. | USPAT 2002/12/28 12:24                                       |
|---------|--------|---|--|
| 36      | i      | 15 : "6025648 <b>"</b>  | USPAT; 2002/12/28 12:43<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT |
| 37<br>! | ;<br>[ | 10 "6239496"  | USPAT; 2002/12/28 12:44<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT |
| 38      | l<br>i | 11 <sup> </sup> "6188127"   | USPAT;   2002/12/28 12:46<br>US-PGPUB;<br>EPO; JPO;          |
| 40      | ţ      | 19 ("6025648" "6239496" "6188127") and (polyimide polymer polymeric)  | USPAT; 2002/12/28 12:47 US-PGPUB; EPO; JPO; DERWENT          |
| 39      | I      | 32 "6025648" "6239496" "6188127"<br>!<br>!  | USPAT; 2002/12/28 13:01<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT |
| 41      | ļ<br>! | 13 ("6025648" "6239496" "6188127") not (("6025648" "6239496" "6188127") and (polyimide polymer polymeric))  | USPAT; 2002/12/28 13:01<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT |